9th Class 2018	
Math (Science)	Group-I
Time: 20 Minutes	(Objective Type) Max Maximum
Total Dossible answers A R C	
question are given. The choice which of to	
Note: Four possible answers A, B, C and D to question are given. The choice which you think correct, fill that circle in front of that question Marker or Pen ink in the answer by	
question are given. The choice which you think correct, fill that circle in front of that question Marker or Pen ink in the answer-book. Cutting filling two or more circles will result in zero mark that question.	
that question.	Tosult in Zero mail
1-1- H.C.F of a ³ + b ³ and a ² - ab + b ² is:	
(a) a + b	(b) $a^2 - ab + b^2 $
(c) a - b	$(d) 2 + b^2$
2- If $(x, 0) = (0, y)$	then (x, y) is:
(a) (0, 1)	(b) (1, 0)
(c) (0, 0) 1/	(4) (4 4)
3- Medians of a triangle are:	
(a) Parallel	(b) Equal
(c) Concurren	t 2/ /d/ 1
	of a triangle out
ratio:	of a triangle cut each other in
(a) 4:1	(b) 3:1
5- The biggs 1	(1)
THE DISECTORS O	of the
(a) Collinear	of the angles of a triangle are (b) Non-collinear
(c) Non-concu	(a) Non-collinear
6- If X + [-1 -2]	[1 0]
LO -1	= 0 1, then X is equal to
(a) [2 2]	= \begin{bmatrix} 1 & Concurrent \forall \\ 0 & 1 \end{bmatrix}, then X is equal to:
'-/ 2 0	(b) $\begin{bmatrix} 0 & 2 \\ 2 & 2 \end{bmatrix}$
(c) $\begin{bmatrix} 2 & 0 \\ 0 & 2 \end{bmatrix}$	
[0 2]	(d) $\begin{bmatrix} 2 & 2 \\ 0 & 2 \end{bmatrix} \sqrt{}$
	[0 2]

The value of $log \left(\frac{p}{q}\right)$ is ----:

(a)
$$\log p - \log q \sqrt{(b)} \frac{\log p}{\log q}$$

(c)
$$\log p + \log q$$
 (d) $\log q - \log p$

Factors of $3x^2 - x - 2$ are ----:

(a)
$$(x + 1)$$
, $(3x - 2)$ (b) $(x + 1)$, $(3x + 2)$

(c)
$$(x-1)$$
, $(3x-2)$ (d) $(x-1)$, $(3x+2)$ $\sqrt{}$

9. Mid-point of the points (0, 0) and (2, 2) is:

(d)
$$(-1, -1)$$

10- Symbol used for congruent is ----:

$$(a) =$$

$$(d) \leftrightarrow$$

11- A ray has ---- end points:

$$(c)$$
 3

$$(d)$$
 4

12- Write 4^{2/3} with radical sign:

(a)
$$\sqrt[3]{4^2} \sqrt{1}$$

(b)
$$\sqrt{4^3}$$

(c)
$$\sqrt{4^3}$$

(d)
$$\sqrt{4^6}$$

13- Triangles on equal bases and of equal altitudes are ---- in area:

14- $\frac{1}{a-b}$ - $\frac{1}{a+b}$ is equal to:

(a)
$$\frac{2a}{a^2 - b^2}$$

(b)
$$\frac{2b}{a^2 - b^2} \sqrt{ }$$

(c)
$$\frac{-2a}{a^2-b^2}$$

(d)
$$\frac{-2b}{a^2 - b^2}$$

15- If x is no larger than 10, then ---:

(b)
$$x \le 10$$

(c)
$$x < 10 \sqrt{}$$

(d)
$$x > 10$$